



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

July 31, 2012

Mr. Mike Garlock
Ms. Kim Pierson
City of Boone
1372 NC Hwy 194 North
Boone, NC 28607

Re: Permit to Operate: Triple T Compost Facility, Watauga County, North Carolina, Permit No. 9505-COMPOST

Dear Mr. Garlock & Ms. Pierson:

Please find enclosed the Permit to Operate for the Triple T Compost Facility, Permit No. 9505-COMPOST. This permit issuance approves the 5-year permit renewal.

In general, the new facility permit does not reiterate permit conditions which are included in the Solid Waste Management Rules, 15A NCAC 13B, nor does it restate specific conditions which are included within the approved plans, such as site specific operations.

Please review the conditions of the permit carefully.

The stamped approved permit renewal application can be viewed and downloaded from our website:

<https://edm.nc.gov/DENR-Portal/>

Type in "9505-COMPOST" into the ID value box, and click on Search. The stamped approved application is Doc ID 16948. To view a document double click anywhere on the line of the document.

If you have any questions regarding the permit or conditions, please contact me at (919) 707-8280 or by email at tony.gallagher@ncdenr.gov. The Solid Waste Management Specialist for the facility is Deb Aja. She can be reached at (828) 296-4702.

Sincerely,

Martin A. Gallagher
Composting & Land application Branch Head
Solid Waste Section

cc: Pieter Scheer Deb Aja



Facility Permit No: 9505-COMPOST
Triple T Pumping Compost Facility
Permit to Operate
July 30, 2012
Doc ID 16947
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STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

SMALL TYPE III SOLID WASTE COMPOST FACILITY
Permit No. 9505-COMPOST

Mike Garlock and Kim Pierson
are hereby issued a

PERMIT TO OPERATE
TRIPLE T PUMPING COMPOST FACILITY

Located at 916 Troy Norris Road, in Boone, Watauga County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The legal description of the site is identified on the deeds recorded for this property listed in Attachment No. 1 of this permit.

Michael Scott
Section Chief
Solid Waste Section

ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit Issuance	Date	Doc ID
Original Issue Permit to Operate (PTO)	July 30, 2012	16947

1. This facility also has permitted septage Storage Detention and Treatment Facility (SDTF) 95-01 in operation at this site.

PART II: LIST OF DOCUMENTS FOR APPROVED PLAN

1. *Application for Compost Facility*. October 4, 2011, revised through February 26, 2012. Doc ID 16947.

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Watauga County, N.C. Register of Deeds				
Book	Page	Grantee (sold to)	Grantor (sold from)	Acres
385	201	Kimberly Ann Pierson	Bruce C Bousquet	7.0
Total Site Acreage: 7.0acres				

Note - Watauga County Parcel No. 2923 03 1579 000.

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Operate shall expire July 30, 2017. The Permit to Operate must be implemented in accordance with Attachment 3 of this permit.
2. The persons to whom this permit is issued ("permittee") are the owners and operators of the solid waste management facility.
3. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.

4. Operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit, and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition. Failure to comply may result in compliance action or permit revocation.
5. This permit is issued based on the documents submitted in support of the application for permitting the facility identified in Attachment 1, "List of Documents for Approved Plan," which constitutes the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
6. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g), the permittee must notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to, a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
7. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for sedimentation and erosion control, and a General or Individual National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit, if applicable. Issuance of this permit does not remove the permittee's responsibilities for compliance with any other local, state or federal rule, regulation or statute.

- End of Section -

ATTACHMENT 2 CONDITIONS OF PERMIT TO CONSTRUCT

[NOT APPLICABLE]

- End of Section -

ATTACHMENT 3
CONDITIONS OF OPERATING PERMIT

1. The Permit to Operate shall expire July 30, 2017. Pursuant to 15A NCAC 13B .0201(g), no later than January 30, 2017, the permittee must submit a request to the Section for permit review and must update pertinent facility plans.
2. Only materials specifically listed in the permit application may be managed at this facility. A permit modification is required for a request to receive additional feedstocks.
3. The total capacity of the site is 100 tons per year. A permit modification is required for a request to increase capacity.
4. An appropriate Division of Water Quality permit for managing any stormwater or wastewater at the facility must be maintained as required. Any leachate generated at the facility and any runoff from the facility must be managed in such a manner that ground or surface water quality will not be adversely affected. The facility must be maintained to prevent the accumulation of stormwater and leachate on composting areas, storage areas, and roads.
5. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50, et seq., and rules promulgated under 15A NCAC 4. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the compost area.
6. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.
7. Feedstocks must not be received that are in an anaerobic state.
8. In the event of a mechanical failure, the facility must immediately use its best effort to utilize substitute equipment for completion of the composting operation.
9. The odor management procedures must be followed to minimize odors at the facility boundary. Upon receipt of an odor complaint, the facility operator must investigate and take action as necessary to minimize the cause of the complaint. A copy of all written complaints regarding this facility must be maintained for the duration of the permit including the operator's actions taken to resolve the complaints.

10. The facility must be operated in a manner that reduces the potential for vector attraction.
11. The compost operation and the compost pad must be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard. Facility operation must meet Division of Air Quality Rules 15 NCAC 2D. Fugitive dust emissions from the facility that contribute to substantive complaints may subject the facility to the Division of Air Quality requirements as listed in 15A NCAC 2D .0540.
12. Groundwater quality at this facility is subject to the classification, monitoring, and remedial action provisions of 15A NCAC 2L. Groundwater monitoring may be required if there is an indication for the potential for groundwater contamination.
13. All compost produced at the facility must meet the requirements of Rule .1407 of the Solid Waste Compost Rules and the permit application.
14. Three composting bins each with dimensions of 12 x 16 feet shall be utilized for active composting using static piles with periodic turning.
15. Testing and reporting must be conducted in accordance with the requirements of Rule .1408 and the permit application. Compost process data must be maintained in writing as required to document temperatures, moisture levels, and aeration intervals. Bulk density and C: N calculations must be reviewed weekly to maintain appropriate mix recipes.
16. An annual report of facility activities for the fiscal year July 1 to June 30 must be submitted to the Section by August 1 of each year on forms provided by the Section. This report must include the amount of materials composted in tons.
17. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility and made available to the Section upon request during normal business hours.

- End of Permit Conditions -